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Alberta Survival Plan

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# ALBERTA SURVIVAL PLAN

VOLUME ONE  
PLANNING INSTRUCTIONS

~~ALBERTA~~ 43

~~ALBERTA~~







< ALBERTA EMERGENCY MEASURES  
ORGANIZATION

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< ALBERTA DISASTER SERVICES AGENCY

ALBERTA SURVIVAL PLAN

VOLUME ONE

PLANNING INSTRUCTIONS



ALBERTA EMERGENCY MEASURES ORGANIZATION

NOVEMBER 1960

*Arnold J. Lavoie*  
Arnold J. Lavoie  
Co-ordinator

*L.C. Halmrast*  
L.C. Halmrast  
Minister

ALBERTA SURVIVAL PLAN

VOLUME ONE

PLANNING INSTRUCTIONS

ALBERTA EMERGENCY MANAGEMENT BOARD

NOVEMBER 1990

L. C. Holman  
Minister

Shirley A. Smith  
Deputy Minister  
Co-ordinator



FOREWORD

It is with a feeling of satisfaction that I write this Foreword to the Alberta Survival Plan, Volume One, Planning Instructions. This volume will be forwarded to all those who are concerned with Emergency Measures and Civil Defence Planning in the Alberta Government Departments and the Municipalities in our Province.

As time unfolds, further volumes will be prepared and circulated. I strongly recommend these volumes be studied carefully by all those who have the responsibility of planning for the survival of our people and the continuity of Provincial and Municipal Governments, should we ever be subjected to attack or a major natural disaster.

The primary aim of Emergency Measures and Civil Defence is to save lives and ensure the continuity of civil government in any catastrophe. In these unsettled days it is the duty of all of us to be trained and to be ready for whatever the future may hold.

On behalf of the Government of Alberta, I take this opportunity to express sincere thanks to all the Volunteers who are giving so freely of their time to Civil Defence. There is no higher form of citizenship than unselfish service.

*Ernest C. Manning*

Ernest C. Manning  
Premier of Alberta

FORWARD

It is with a feeling of responsibility that I write this Forward to the  
Alberta Civil Defence Planning Committee. This volume  
will be distributed to all the people who are concerned with Emergency Measures  
and Civil Defence Planning in the Alberta Government, its departments  
and the Municipalities in our Province.

As this includes further volumes will be prepared and distributed.  
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Premier of Alberta



ALBERTA SURVIVAL PLAN

VOLUME ONE

PLANNING INSTRUCTIONS

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PROVINCE OF ALBERTA  
ALBERTA SURVIVAL PLAN  
VOLUME ONE

PLANNING INSTRUCTIONS

GENERAL

1. This instruction is issued under the authority of the following documents, copies of which are attached:

- a. Annex A - The Civil Defence and Disaster Act  
(Chap.43 RSA 1955) Province of Alberta;
- b. Annex B - Province of Alberta Order-in-Council  
No. 1016/60 dated 5 July 1960, *as amended;*
- c. Annex C - Government of Canada Privy Council  
Order Number 656, 1959, and
- d. Annex D - Province of Alberta Joint Directive  
No. 60/1 dated 2 April 1960 issued by the Alberta  
Emergency Measures Organization, Federal  
Emergency Measures Organization, and Headquarters  
Alberta Area (Canadian Army).

2. The Alberta Survival Plan is divided into a number of volumes commencing with VOLUME ONE - PLANNING INSTRUCTIONS and followed by VOLUME TWO - GENERAL INFORMATION. These two volumes are applicable to the production of plans for Departments of Government, Municipalities and Government Agencies involved. All volumes will be issued in loose-leaf form and will be published complete or in part as required.

3. Planning Staffs will, in many cases, require to work closely with departments or agencies of federal, provincial or civilian organizations. This is desirable for the production of well co-ordinated plans.



PROPOSAL FOR A RESEARCH

ALPHA-1 ANTITRYPSIN DEFICIENCY

AND

PROPOSAL FOR A RESEARCH

GENERAL

1. This research is intended to determine the effect of the following factors on the development of the disease:

2. Age - The influence of age on the development of the disease.

3. Sex - The influence of sex on the development of the disease.

4. Family history - The influence of family history on the development of the disease.

5. Environmental factors - The influence of environmental factors on the development of the disease.

6. Genetic factors - The influence of genetic factors on the development of the disease.

7. Other factors - The influence of other factors on the development of the disease.

8. Conclusion - The influence of the above factors on the development of the disease.

9. References - A list of references used in the research.

10. Summary - A summary of the research findings.

11. Appendix - A list of appendices used in the research.

12. Tables - A list of tables used in the research.

13. Figures - A list of figures used in the research.

14. References - A list of references used in the research.

15. Summary - A summary of the research findings.

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23. Figures - A list of figures used in the research.

24. References - A list of references used in the research.

25. Summary - A summary of the research findings.



SITUATION

4. Vulnerability

- a. The enemy is capable of launching an attack on North America with sufficient weapons to strike a high proportion of military, industrial and population targets. It is assumed that nuclear weapons of megaton yield will be used primarily. These may be delivered by manned aircraft; by missiles launched from land bases, or from ships or submarines.
- b. These weapons may be detonated at or near ground level to cause, in addition to blast damage, the greatest possible harm through radioactive fallout.
- c. The possibility of the use of other weapons, such as biological, chemical, psychological warfare and sabotage cannot be ignored.
- d. Warning. The only warning which might be expected is TACTICAL WARNING, i.e. an indication of a hostile attack after it has been launched. It may be assumed that for the next year or two at least, while the probability of attack by manned bombers is still a threat, tactical warning time would be in the nature of a period of up to two hours. This could be expected to decrease with the build-up of long-range ballistic missile capability.
- e. All plans should be sufficiently flexible to take advantage of any warning period prior to the launching of an attack. An attack on other areas of North America may allow some time for preparation in the Province of Alberta.
- f. Assumptions. Detailed assumptions have been included in VOLUME TWO - GENERAL INFORMATION, and should be considered in planning.







5. Support

- a. The Department of National Defence, through the Canadian Army, Alberta Area, together with all Federal Departments of Government having survival roles in a national emergency, would give support to the Province of Alberta. The Federal Departments concerned will operate jointly with Alberta, within their respective areas of responsibility.
- b. An Emergency Supply Planning Branch of the Department of Defence Production has been formed with responsibility for planning for a War Supplies Agency. This agency will come into being upon the declaration of an emergency and will have certain responsibilities for emergency control of the supply and distribution of essential commodities. Further details are expected as plans are expanded.

AIM

6. The aim of all civil emergency planning is to prevent unnecessary loss of life and to ensure the continuity of civil government --- federal, provincial and municipal. To this end, it is intended to present a basis upon which planning and procedures can be produced for the continuation of government in the Province of Alberta, together with emergency measures for the safety of its citizens.

EXECUTION

7. a. General outline - Government Departments of the Province of Alberta, Headquarters Alberta EMO, Alberta EMO Zones, Municipalities and such other agencies as may be required will prepare detailed plans to meet their emergency responsibilities and to ensure continuity of their respective functions.
- b. Provincial Departments - Attached as Annex E is a list of the provincial departments, detailing some of their national



On the 1st of January 1941, the following information was received from the Department of the Interior, Bureau of Indian Affairs, regarding the status of the Indian population in the Territory of Alaska:

The total Indian population in the Territory of Alaska was estimated to be 100,000. This population was distributed as follows:

- 1. 50,000 in the State of Alaska
- 2. 30,000 in the Territory of Alaska
- 3. 20,000 in the Territory of Alaska

The following table shows the distribution of the Indian population in the Territory of Alaska by tribe and by sex:

Tribes	Male	Female	Total
Aleutians	10,000	10,000	20,000
Chukchee	5,000	5,000	10,000
Chukchi	5,000	5,000	10,000
Chukchee	5,000	5,000	10,000
Chukchi	5,000	5,000	10,000
Chukchee	5,000	5,000	10,000
Chukchi	5,000	5,000	10,000
Chukchee	5,000	5,000	10,000
Chukchi	5,000	5,000	10,000
Chukchee	5,000	5,000	10,000

100-100000

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Chukchee	5,000	5,000	10,000
Chukchi	5,000	5,000	10,000
Chukchee	5,000	5,000	10,000
Chukchi	5,000	5,000	10,000
Chukchee	5,000	5,000	10,000
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Chukchee	5,000	5,000	10,000
Chukchi	5,000	5,000	10,000
Chukchee	5,000	5,000	10,000
Chukchi	5,000	5,000	10,000
Chukchee	5,000	5,000	10,000



survival responsibilities. Each department will organize the necessary emergency planning capability and prepare appropriate detailed plans to meet its emergency responsibilities. <sup>A Basic Form of Departmental Plans</sup> An "Aid to Planning" is attached as Annex F as a guide to departmental emergency planning.

- c. Alberta EMO Zones - Zone Headquarters will prepare plans for their respective zones, and assist with the preparation and co-ordination of municipal plans within these zones.
- d. Municipalities - Each municipality (city, town, village, county, municipal district, improvement district and special area) will prepare emergency plans for survival and the continuity of local government. Attached as <sup>A Basic Form of Municipal Emergency Plans</sup> Annex G is an ~~"Aid to Planning" for municipal emergency planning~~. Attention is also drawn to a paper on Municipal Civil Defence Organization which is shown in VOLUME TWO, as Annex <sup>C</sup> D, Appendix 2.
- e. Co-ordination
- (1) The Alberta Emergency Measures Organization (Alberta EMO) will provide guidance and assistance, as requested, to all departments, zones, municipalities and other agencies. Departmental Planning Staffs should maintain continuous liaison with Alberta EMO.
  - (2) Alberta EMO will co-ordinate all joint planning.
  - (3) Three copies of the emergency plan for each department, zone, municipality or other agency will be forwarded to Alberta EMO for inclusion in the Alberta Survival Plan.
  - (4) Liaison - The Provincial Standing Committee has authorized technical liaison as required between:
    - (a) Provincial Departments and corresponding Federal Departments



1. The first part of the document is a list of names.

2. The second part is a list of addresses.

3. The third part is a list of dates.

4. The fourth part is a list of times.

5. The fifth part is a list of places.

6. The sixth part is a list of events.

7. The seventh part is a list of people.

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10. The tenth part is a list of letters.

11. The eleventh part is a list of words.

12. The twelfth part is a list of sentences.

13. The thirteenth part is a list of paragraphs.

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15. The fifteenth part is a list of chapters.

16. The sixteenth part is a list of volumes.

17. The seventeenth part is a list of series.

18. The eighteenth part is a list of parts.

19. The nineteenth part is a list of sections.

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23. The twenty-third part is a list of subjects.

24. The twenty-fourth part is a list of topics.

25. The twenty-fifth part is a list of fields.

26. The twenty-sixth part is a list of disciplines.

27. The twenty-seventh part is a list of areas.

28. The twenty-eighth part is a list of branches.

29. The twenty-ninth part is a list of divisions.

30. The thirtieth part is a list of departments.

31. The thirty-first part is a list of offices.

32. The thirty-second part is a list of positions.



(b) Alberta EMO Zones and appropriate Military Task Force Headquarters.

(c) A Target Area Headquarters and appropriate Army Mobile Survival Column Headquarters.

(5) Public Warning States - The Canadian Army is responsible for passing warning to the public. In most communities, warning will be received from the Alberta Government Telephones (AGT). Communities not served by AGT will be warned by the RCMP, other communications networks, commercial radio, or by any other practicable means. Each community will ensure that the warning agency is informed of the names of the officials to be contacted, and that suitable means of warning the local population exists in the community. The list of warning states, public action signals, and the steps to be taken by the public on hearing the signals are all included in VOLUME TWO, as Annex J.

(6) Regional Emergency Headquarters (REHQ)

(a) The Federal authorities are establishing a Regional Emergency Headquarters in Alberta which will be the seat of government for the Federal (including Canadian Army) and Provincial Governments during an emergency.

(b) Alberta EMO will co-ordinate the provincial component of the REHQ.

(7) Training - Alberta EMO will co-ordinate all civil defence training in accordance with existing training instructions.





ADMINISTRATIVE SUPPORT

8. a. General - The expected conditions of almost total disruption of normal transport and distribution agencies in the immediate post-attack period will compel heavy reliance on local resources. Federal government departments are responsible for national planning for control of transport and essential commodities in an emergency.
- b. Financial Assistance Program (FAP) - A program is in effect covering the sharing of civil defence development costs on a proportionate basis between the federal, provincial and municipal governments. All concerned in the program are advised annually of the details.

CONTROL AND COMMUNICATIONS

9. a. REHQ
- (1) Senior Provincial control will be located in the REHQ.
  - (2) Location, staffing, time of opening etc., of REHQ will be notified as necessary.
  - (3) Communications for the REHQ will be co-ordinated by the Canadian Army and AGT. Communications to some or all zones may become a Canadian Army responsibility.
- b. Zones and Municipalities
- (1) AGT will be responsible for organizing and co-ordinating communications requirements within zones.
  - (2) Municipalities will be responsible for their own communications requirements.



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c. Other Agencies

(1) The Canadian Army and Alberta Government

Telephones will co-ordinate the inclusion of other communications agencies in the provincial emergency communications network.

(2) Appropriate authorities will have access to the Emergency Broadcast Network for passing advice and information to the general public. Instructions and procedures concerning this facility will be issued in due course.

d. Organization - An organizational chart of Alberta Emergency Measures Organization and a listing of municipalities contained in each Zone are attached as Annexes H and J respectively.

ANNEXES

- A - The Civil Defence and Disaster Act  
(Chapter 43, Revised Statutes of Alberta, 1955)
- B - Province of Alberta Order-in-Council 1016/60, as amended,  
"Emergency Planning for the Continuity of Government Regulations"
- C - Government of Canada Privy Council Order 1959-656  
"Civil Defence Order, 1959"
- D - Province of Alberta Joint Directive No. 60/1
- E - Departmental Emergency Responsibilities
- F - Basic Form of Departmental Emergency Plans
- G - Basic Form of Municipal Emergency Plans
- H - Organizational Chart, Alberta EMO
- J - Zone Boundaries
- K - Province of Alberta Order-in-Council 1821/61  
"Emergency Fire Services Regulations"
- L - Province of Alberta Order-in-Council 2027/61  
"Regulations Respecting and Governing the Emergency Planning  
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DISTRIBUTION

Premier of Alberta

Ministers of Alberta Government

Co-ordinating Committee, Alberta EMO

Mayors/Reeves/Chairmen of Alberta Municipalities

Superintendents of National Parks in Alberta

Emergency Planning Officers of Alberta Government  
Departments and Agencies

Directors of Civil Defence

Staff Officers, Alberta EMO (including Zones)

Other Officials (Federal EMO, other Provinces, etc.),

as per Master Distribution List at HQ Alberta EMO



1911

1912

1913

1914

1915

1916

1917

1918

1919

1920

1921

ANNEX A to  
Alberta Survival Plan  
Volume One  
Planning Instructions  
Dated: November 1960

## The Civil Defence and Disaster Act

### Chapter 43



#### **NOTE**

All persons making use of this consolidation are reminded that it has no legislative sanction; that the amendments have been embodied only for convenience of reference, and that the original Acts should be consulted for all purposes of interpreting and applying the law.

## THE CIVIL DEFENCE AND DISASTER ACT

### CHAPTER 43

#### An Act to Provide for the Organization and Administration of Civil Defence and to deal with Disaster within the Province of Alberta

**1.** This Act may be cited as "*The Civil Defence and Disaster Act*". Short title  
[ R.S.A. 1955, c. 43, s. 1 ]

**2.** In this Act,

- (a) "advisory committee" means the committee appointed by the Minister to advise the Cabinet Committee or the Minister in matters relating to civil defence and disaster; Interpretation  
"advisory committee"
  - (b) "Cabinet Committee" means the committee of the Executive Council appointed under this Act to advise the Lieutenant Governor in Council on matters pertaining to civil defence or disaster; "Cabinet Committee"
  - (c) "co-ordinator" means the person appointed under this Act as the co-ordinator of matters relating to civil defence or disaster; "co-ordinator"
  - (d) "deputy co-ordinator" means the person appointed under this Act to advise and assist the co-ordinator in carrying out his duties; "deputy co-ordinator"
  - (e) "Minister" means that member of the Executive Council for the time being charged with the administration of this Act; "Minister"
  - (f) "municipality" means a city, town, village, county, municipal district, improvement district or special area. "municipality"
- [ R.S.A. 1955, c. 43, s. 2 ]

**3.** (1) The Lieutenant Governor in Council may appoint a co-ordinator to deal with matters relating to civil defence or disaster, a deputy co-ordinator and such other technicians and employees as may be necessary to assist the co-ordinator in the carrying out of such duties as may be assigned to him. Personnel

(2) The co-ordinator shall be responsible for the carrying out of the provisions of this Act and for the performance of such duties as may be assigned to him from time to time by the Lieutenant Governor in Council. Duties of co-ordinator

(3) The salaries of the co-ordinator, deputy co-ordinator and other officers and employees and other expenses incurred in administering this Act shall be paid out of moneys appropriated by the Legislature for that purpose. Salaries and expenses of administration

[ R.S.A. 1955, c. 43, s. 3 ]



Cabinet  
Committee

4. The Lieutenant Governor in Council may appoint a Cabinet Committee consisting of such members of the Executive Council as he may designate from time to time to advise on matters relating to civil defence or disaster.

[R.S.A. 1955, c. 43, s. 4]

Personnel

5. (1) The Lieutenant Governor in Council may from time to time appoint a chairman of Civil Defence for the Province whose duties shall be such and who shall receive such travelling and other allowances as may be prescribed from time to time by the Lieutenant Governor in Council.

(2) With the approval of the Lieutenant Governor in Council, the Minister may from time to time appoint advisory committees to assist the Minister, Cabinet Committee and chairman of Civil Defence.

(3) The Lieutenant Governor in Council may by regulations allocate to one or more departments the performance of the accounting services required in the administration of this Act.

[R.S.A. 1955, c. 43, s. 5; 1956, c. 11, s. 4]

Preparation  
of plan  
for civil  
defence and  
disaster

6. (1) The Minister, with the approval of the Lieutenant Governor in Council, may approve and adopt any plan relating to civil defence or disaster and necessary for the protection of persons and property within the Province from injury or loss due to enemy attack, hostile action or disaster.

Powers of  
Minister

(2) The Minister, with the approval of the Lieutenant Governor in Council, may do all acts and take all necessary or advisable proceedings for the carrying out of a plan or program for civil defence or disaster and, without limiting the generality of the powers set out in this Act, may from time to time

- (a) enter into an agreement with the Government of Canada or with a province, municipality or person,
- (b) prepare a comprehensive plan relating to civil defence or disaster and co-ordinate the preparation of plans and programs with the plans and programs of the Government of Canada, other provinces, municipalities and foreign states,
- (c) take any measures he may deem proper to carry into effect a request of the Government of Canada for any action concerning civil defence or disaster,
- (d) acquire real and personal property,
- (e) procure food, clothing, supplies, medicines, equipment and goods of any nature or description, and
- (f) make regulations necessary for the carrying into effect of a plan or program relating to civil defence or disaster.

[R.S.A. 1955, c. 43, s. 6]

7. (1) A municipality may establish a local organization to deal with matters relating to civil defence or disaster. Local organization

(2) The plan or program of a municipality relating to civil defence or disaster shall be submitted to the Minister.

(3) The council of a municipality may appoint a director to co-ordinate and control, under the direction of the council, a local organization dealing with civil defence or disaster. Appointment of controller

(4) If a disaster occurs and an emergency is not declared to exist, the council of the municipality may put into operation an approved plan and may take whatever action it deems advisable to meet the disaster. Operation of approved plan

(5) The council of a municipality that sets up a civil defence organization may Powers of council of municipality

- (a) by a by-law approved by the Minister, borrow, levy, appropriate and expend, without the consent of the burgesses, such sums as are required for civil defence purposes or in connection with a disaster within or without the boundaries of the municipality,
- (b) make contracts, obtain and distribute equipment, materials and supplies for civil defence purposes or in connection with a disaster,
- (c) provide for the health and safety of persons and property and provide emergency assistance to victims of disaster,
- (d) employ, with or without compensation, workers required in connection with the plan or program for civil defence or disaster,
- (e) utilize employees, property or equipment of the municipality for civil defence or disaster purposes within or without the boundaries of the municipality, and
- (f) obtain and make payments for the services of the Canadian Armed Forces for civil defence or disaster purposes, within or without the boundaries of the municipality.

(6) Where the services of the Armed Forces of Canada have been utilized in a civil disaster at the request of a council of a municipality, the council may, by by-law approved by the Minister, borrow, levy, appropriate and expend without the consent of the burgesses, such sums as are required as payment for the services of the Armed Forces, notwithstanding that the civil disaster may have occurred or the services may have been rendered prior to the seventh day of April, 1951. Payment of Armed Forces

[R.S.A. 1955, c. 43, s. 7]

8. The Lieutenant Governor in Council may at any time, by order in council, declare that a state of emergency exists due to an actual or apprehended state of war, hostile enemy action or sabotage, whether within or without the Province. Declaration of state of emergency

[R.S.A. 1955, c. 43, s. 8]



Power of  
Minister  
during state  
of emer-  
gency

**9.** (1) Upon the making of the declaration the Minister, with the approval of the Lieutenant Governor in Council, may put into operation plans or programs relating to civil defence or authorize a municipality to put into operation an approved plan or part of an approved plan that is considered by the Minister to be necessary or advisable for the protection of persons or property from injury or loss due to enemy attack, hostile enemy action or sabotage.

(2) During a state of emergency the Minister may do all acts and take all necessary and advisable proceedings relating to civil defence and, without limiting the generality of the powers set out in this Act, may

- (a) authorize, direct or require a municipality, organization or person to do any act or take any proceeding set out in the order,
- (b) acquire real or personal property by expropriation, confiscation or in any other manner, and
- (c) take measures that he deems proper to put into effect plans or programs relating to civil defence or a request of the Government of Canada for action to be taken with respect to civil defence or disaster.

[R.S.A. 1955, c. 43, s. 9]

Regula-  
tions

**10.** To carry out this Act according to its intent, the Minister, with the approval of the Lieutenant Governor in Council, may make such regulations as he deems necessary and the regulations have the same force and effect as if they were incorporated in this Act.

[R.S.A. 1955, c. 43, s. 10]

Protection  
of officials

**11.** Neither the Minister nor any official or other person acting under his direction is liable for damage caused through any action under this Act or any of the regulations made thereunder, nor are they subject to any proceedings by way of prohibition, *certiorari*, *mandamus* or injunction.

[R.S.A. 1955, c. 43, s. 11]

Protection  
of officials  
of municipi-  
pality

**12.** If a state of emergency is declared to exist by the Government of Canada or by the Province, no official of a municipality authorized by order of the Minister to act and no person appointed by an authorized municipality to carry out measures relating to civil defence is liable in respect of damage caused through any action taken under this Act or the regulations, nor are they subject to any proceedings by prohibition, *certiorari*, *mandamus* or injunction.

[R.S.A. 1955, c. 43, s. 12]

Offence and  
penalty

**13.** A person contravening a provision of this Act or a regulation made pursuant thereto is guilty of an offence and liable on summary conviction to imprisonment for a

term of not more than six months or to a fine of not more than five hundred dollars or to both imprisonment and fine.

[ R.S.A. 1955, c. 43, s. 13 ]

**14.** Where a conflict arises between the provisions of this Act and any other Act, the provisions of this Act prevail.

Conflict

[ R.S.A. 1955, c. 43, s. 14 ]





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<b>CIVIL DEFENCE AND DISASTER—<i>Con.</i></b>	<b>SEC.</b>	<b>CIVIL DEFENCE AND DISASTER—<i>Con.</i></b>	<b>SEC.</b>
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O.C. 1016/60

Approved and Ordered:

(signed) J. PERCY PAGE

LIEUTENANT GOVERNOR

Edmonton, Tuesday, July 5th 1960

The Executive Council has had under consideration the report of the Honourable the Minister of Agriculture, dated June 20th, 1960, stating that:

WHEREAS under the provisions of section 6, subsection (2), clause (f) of The Civil Defence and Disaster Act, being chapter 43 of the Revised Statutes of Alberta, 1955, the Minister, with the approval of the Lieutenant Governor in Council, may make regulations for the carrying into effect of a plan or program relating to civil defence or disaster; and

WHEREAS it is deemed desirable to make regulations for the carrying into effect of a plan for the continuity of Government in time of enemy attack, hostile action or disaster;

THEREFORE, upon recommendation of the Honourable the Minister of Agriculture, the Executive Council advises that, the Lieutenant Governor in Council pursuant to section 6, subsection (2), clause (f) of the Civil Defence and Disaster Act, hereby establishes Emergency Planning for the Continuity of Government Regulations, in accordance with the schedule hereto.

(signed) A.J. HOOKE

Acting CHAIRMAN



1. Introduction

2. Methodology

3. Results

4. Discussion

5. Conclusion

6. References

7. Appendix

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9. Author's Note

10. Correspondence

11. Contact Information

12. Declaration of Interest

13. Funding Source

14. Data Availability

15. Ethics Statement

16. Conflict of Interest

17. Author Contributions

18. Peer Review

19. Publication

20. Distribution

21. Copyright

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23. Permissions

24. Translations

25. Adaptations

26. Derivatives

27. Other Works

28. Final Remarks

## SCHEDULE

1. These regulations may be cited as "Emergency Planning for Continuity of Government Regulations".

2. The Alberta Emergency Measures Organization is hereby established and shall be responsible for:

- (1) Development of an overall provincial programme of emergency planning, including the preparation of an Alberta Survival Plan.
- (2) Stimulation and co-ordination of emergency planning within the several departments of Government.
- (3) Preparation of plans for emergency headquarters for the Government.
- (4) Detailed emergency planning in areas not specifically the responsibility of other Government departments.
- (5) Co-ordination of planning in the various areas of Civil Defence responsibility which have been, or shall be, assigned to other Government departments or agencies.
- (6) Liaison with the Emergency Measures Organization of the Government of Canada and the several Federal Government departments having emergency planning responsibility.
- (7) Conducting a training programme covering matters relating to emergency operation of government for personnel of Government departments.
- (8) Assistance to municipalities in the development of a national survival and civil defence programme.
- (9) Co-ordination of plans for the decentralization of government authority and functions if circumstances should so require.

3. The Deputy Minister of each department of Government shall be a member of the Co-ordinating Committee of the Alberta Emergency Measures Organization.

4. (1) The Minister of each department of Government shall appoint a senior officer of his department as Departmental Emergency Planning Officer, who shall be responsible to him for the following duties:

- a) To examine the functions of his department and establish those which must be continued, expanded or suspended, during an emergency.
- b) To initiate, with the assistance of the Alberta Emergency Measures Organization, the preparation of departmental plans covering the organization and training for the continuity of the functions of the Department.





SCHEDULE

(O.C. 1016/60)

Page - 2 -

- c) To prepare and implement plans, with the assistance of the Alberta Emergency Measures Organization, for the preservation of documents, records and information required for the protection of the rights and interests of individuals and for the effective operation of the Department in an emergency.
5. (1)\* The emergency plans from each Department shall be reviewed by the Co-ordinating Committee and, if approved in their original or amended form, shall be forwarded to the Minister of the Department to which they refer for his approval.
- (2)\* If the Minister of the Department approves the said plans either in original or amended form, they shall be forwarded to the Minister responsible for Emergency Measures for his approval.
- (3) If the Minister approves the said plans, they shall become part of the Alberta Survival Plan.

\* Amended, in accordance with Order-in-Council 903/62 dated 13 June 1962

1. The first part of the report deals with the general situation of the country and the position of the various groups of the population. It is a very interesting and informative study of the social and economic conditions of the country.

2. The second part of the report deals with the political situation of the country. It is a very interesting and informative study of the political conditions of the country.

3. The third part of the report deals with the economic situation of the country. It is a very interesting and informative study of the economic conditions of the country.

4. The fourth part of the report deals with the cultural situation of the country. It is a very interesting and informative study of the cultural conditions of the country.

ANNEX C to  
Alberta Survival Plan  
Volume One  
Planning Instructions  
Dated: November 1960

P.C.1959-656

AT THE GOVERNMENT HOUSE AT OTTAWA

THURSDAY, the 28th day of MAY, 1959

PRESENT:

HIS EXCELLENCY

THE GOVERNOR GENERAL IN COUNCIL:

His Excellency the Governor General in Council, on the recommendation of the Right Honourable John George Diefenbaker, the Prime Minister, pursuant to the Public Service Rearrangement and Transfer of Duties Act, is pleased hereby, effective September 1, 1959, to revoke Order in Council P.C. 985 of 23rd February, 1951 which transferred all powers, duties and functions relating to civil defence from the Minister of National Defence to the Department of National Health and Welfare, and to make the annexed Civil Defence Order, 1959.

Certified to be a true copy,

R.B. Bryce,

Clerk of the Privy Council



1. 1990年12月25日，在“九七”香港回归前夕，香港各界人士纷纷发表文章，就香港回归后的前途问题提出自己的看法。其中，不少文章都提到，香港回归后，香港与内地的关系将发生深刻的变化。

100

1. *Journal of the American Medical Association*, 1997; 277: 1001-1005.

1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Arar and Collins (1971).

1. *Pharmaceutical industry* – The pharmaceutical industry is the largest of the three industries, with sales of \$10.5 billion in 1997. It is the only industry that has not experienced a decline in sales since 1990. The industry is dominated by a few large firms, with the top five firms accounting for 40% of sales. The industry is highly competitive, with many firms competing for market share.

 $\cdot$   $\mathcal{C}_1$

## ORDER

1. This Order may be cited as the Civil Defence Order, 1959.
2. In this Order, the expression "civil defence powers, duties and functions" includes powers, duties and functions relating to the matter of "preparation for civil defence against enemy action" mentioned in section 4 of the National Defence Act.
3. The Minister of National Defence shall have and exercise the following civil defence powers, duties and functions:
  - a. provision of technical facilities and operation of a system to give warning to the public of the likelihood and imminence of an attack;
  - b. determining the location of a nuclear explosion and the patterns of fallout, and giving the necessary warning of fallout to the public;
  - c. assessment of damage and casualties from attack and fallout;
  - d. controlling, directing and carrying out re-entry into areas damaged by a nuclear explosion or contaminated by serious radioactive fallout; decontamination work in those areas, and the rescue and provision of first aid to those trapped or injured;
  - e. direction of police and fire services in seriously damaged or contaminated areas which are the object of re-entry operations, including the control of traffic and movement of people in those areas;
  - f. direction of municipal and other services for the maintenance and repair of water and sewer systems in seriously damaged or contaminated areas;
  - g. provision of emergency support to provincial and municipal authorities in the maintenance of law and order and in dealing with panic or the breakdown of civilian authority; and
  - h. maintenance and operation of emergency communication facilities.
4. The Minister of National Health and Welfare shall have and exercise the following civil defence powers, duties and functions:
  - a. assistance to provincial and municipal governments and to others in connection with the organization, preparation and operation of:
    - (1) medical, nursing, hospital and public health services, and
    - (2) services to provide emergency accommodation, emergency feeding, emergency supplies, guidance and welfare assistance for persons who have lost or left their homes because of acts of war or apprehended acts of war; and

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- b. maintenance and operation of the Civil Defence School at Arnprior, Ontario,

5. The Minister of Justice shall have, and through the Royal Canadian Mounted Police, shall exercise the civil defence power, duty and function to assist provincial governments and municipalities and their police forces, except as provided in section 3 above, in

- a. maintaining law and order; and
- b. controlling and directing traffic in connection with civil defence exercises and operations.

6. The Prime Minister shall have and, through the Emergency Measures Organization, shall exercise the following civil defence powers, duties and functions:

- a. the co-ordination of civil defence planning by departments and agencies of the Government of Canada;
- b. the preparation of civil defence plans in relation to matters that are not the responsibility of any other department or agency of the Government of Canada;
- c. assistance to provincial governments and municipalities in respect of preparation for civil defence where assistance is not the responsibility of any other department or agency of the Government of Canada; and
- d. general liaison with other countries, with the North Atlantic Treaty Organization and with provincial governments on matters relating to civil defence.

7. Where any matter in sections 3, 4, 5 or 6 would, but for this Order, be a power, duty or function of a Minister other than the one referred to therein, that power, duty or function is hereby transferred to the Minister referred to in the section in which that matter is mentioned.

8. This Order does not have the effect of transferring the control or supervision of any members of the public service from one Minister of the Crown to any other Minister of the Crown, or from one department or portion of the public service to any other department or portion of the public service.

For Official Use  
Only  
Police Forces

The following information is being provided to you for your information only. It is not to be used for any other purpose.

Information on directing traffic is being provided to you for your information only. It is not to be used for any other purpose.

The following information is being provided to you for your information only. It is not to be used for any other purpose.

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PROVINCE OF ALBERTA  
JOINT DIRECTIVE No. 60/1  
EMERGENCY MEASURES ORGANIZATION  
GOVERNMENT OF THE PROVINCE OF ALBERTA  
HEADQUARTERS ALBERTA AREA

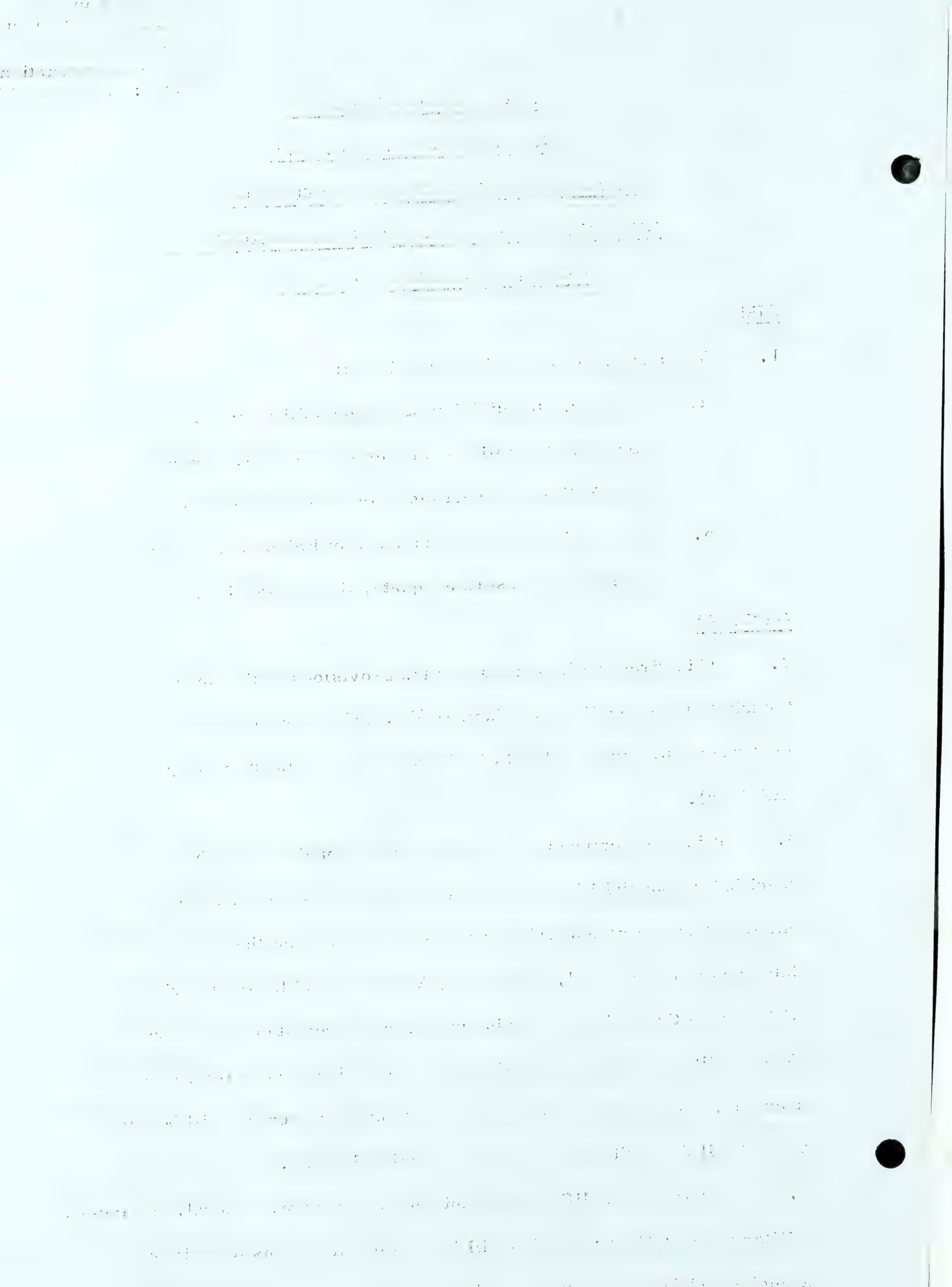
AIM

1. The purpose of this Joint Directive is:
  - a. To detail the division of responsibility for National Survival Operations between the Federal, Provincial and Military authorities in the Province of Alberta, and
  - b. To detail the levels and scope of liaison between these agencies to ensure adequate, timely planning.

GENERAL

2. This directive is issued under the provisions of the Government of Canada Privy Council Order Number 656, 1959, hereafter referred to as PC Order 656, and the Alberta Civil Defence and Disaster Act (Chap 43 RSA 1955).
3. It is again emphasized that while the Canadian Army has certain specified responsibilities in National Survival Operations, there is NO intent that the Army authority will in any way supplant the primacy of the duly constituted Federal, Provincial, Municipal and local authority. It will be seen that while in certain emergency circumstances the Armed Forces will be called upon to direct and co-ordinate the activities of all agencies, such authority to direct, co-ordinate and control will be returned to the Civil Authority at the earliest practicable time.
4. In detailed amplification of this Joint Directive, Federal, Provincial, Military and RCMP authorities will issue such directions to their own agencies and forces as are from time to time considered necessary.





DUTIES

5. Emergency Measures Organization (EMO)

The Regional Officer, EMO will be responsible for:

- a. Representing the Federal authority in the Province of Alberta with respect to all aspects of civil emergency planning.
- b. Co-ordinating the activities of the various Federal departments represented in the Province of Alberta in all aspects of civil emergency planning.
- c. Establishing effective liaison and planning with the Government of the Province of Alberta, and assisting where requested in the development of provincial plans and measures.
- d. Establishing effective liaison and planning with the Commander, Alberta Area, Canadian Army (Regular) (CA(R)).

6. Scope of the EMO - the scope of the activities of the Regional Officer, EMO will include:

- a. Co-ordination of the activities of the proposed War Supplies Agency with the Provincial authority concerned with the provision and procurement of supplies and commodities.
- b. Co-ordination of the applicable emergency communications and broadcast facilities as represented by the Federal Department of Transport and the Canadian Broadcasting Corporation, in relation to the Armed Forces responsibility for warning and communications.





- c. Co-ordination with Provincial authorities, of emergency transport for mass movement of populations.
- d. Co-ordination with Provincial and Military authorities, through the Department of National Health and Welfare, of medical responsibilities and refugee and reception requirements.
- e. Co-ordination with the Provincial authority of the application of funds to agreed projects under the provisions of the Financial Assistance Programme (FAP).
- f. Co-ordination of such other matters within the venue of the Federal authority, as may from time to time require action.

7. Government of the Province of Alberta.

The Alberta Government will be responsible for:

- a. The establishment and operation of the necessary emergency departmental organizations to ensure the continuation of government authority in the Province.
- b. The establishment and operation of a Civil Defence organization in the Province for the carrying out of operational commitments in conjunction with the Canadian Army in the event of emergency.
- c. Effecting detailed liaison with the EMO.
- d. Effecting detailed liaison with the Canadian Army.

8. Scope of the Alberta Government.

The scope of Alberta Government activities will include the necessary measures for:

- a. The provision of the necessary organization empowered to:
    - (1) organize key municipal agencies and bodies for the maintenance and restoration of municipal services
- ...../4.



and facilities.

(2) Co-ordinate the activities of all municipalities in aid to a stricken area.

(3) Act fully in conjunction with the Canadian Army.

- b. The preservation of law and order, including traffic and refugee control.
- c. Emergency medical services, hospitals and public health measures.
- d. Maintenance and repair of provincial highways and communications facilities.
- e. Maintenance and repair of provincial and municipal utilities.
- f. Fire-fighting.
- g. Reception services for evacuees and refugees.
- h. Provision of supplies, stores and commodities, in co-operation with the appropriate Federal authority.

9. Royal Canadian Mounted Police (RCMP)

The responsibilities, federally and provincially, of the RCMP are not changed under conditions of a National Survival Emergency, and they take on no functions under the provisions of PC Order 656 that they would not undertake in the event of any National Emergency.

10. Scope of the RCMP. The scope of the RCMP activities will include:

- a. Anti-sabotage and security duties.
- b. Normal duties as Provincial policing agency in the Province of Alberta.
- c. Assistance, as required, to the Canadian Army in the conduct of its disaster operations.





d. Provision of emergency and alternate communications facilities for use by Federal, Provincial and Military authorities.

e. Security clearances as required.

11. Canadian Army. Command and control of all Canadian Army units, both CA(R) and Militia (CA(M)), located in the Province of Alberta, exclusive of Headquarters (HQ) Western Command, will be exercised by the Commander, Alberta Area through HQ Alberta Area. The Canadian Army will be responsible for the tasks assigned to it under PC Order 656, as follows:

- a. Provision of technical facilities and operation of a system to give warning to the public of the likelihood and imminence of an attack.
- b. Determining the location of a nuclear explosion and the patterns of fallout and giving the necessary warning of fallout to the public.
- c. Assessment of damage and casualties from attack and fallout.
- d. Controlling and directing and carrying out re-entry into areas damaged by a nuclear explosion or contaminated by serious radioactive fallout, decontamination work in those areas, and the rescue and provision of first aid to those trapped or injured.
- e. Direction of police and fire services in seriously damaged or contaminated areas which are the object of re-entry operations, including the control of traffic and movement of people in those areas.
- f. Direction of municipal and other services for the maintenance and repair of water and sewer systems in seriously damaged or contaminated areas. .... /6.





- g. Provision of emergency support to provincial and municipal authorities in the maintenance of law and order and in dealing with panic or the breakdown of civilian authority, and
  - h. Maintenance and operation of emergency communications facilities.
12. Scope of the Canadian Army. The scope of Canadian Army activities will include:
- a. Manning the Provincial Warning Centre on a 24 hour a day basis.
  - b. The establishment of and the responsibility for the Provincial Warning System.
  - c. The organization and training of CA(R) and CA(M) forces for employment in national survival operations.
  - d. The development of facilities to provide emergency communications, down to the Joint Regional HQ.
  - e. The establishment of effective liaison for planning and operational purposes with the RCMP and Alberta authorities concerning the carrying out of the Army's tasks.

#### LIAISON

13. The Provincial Standing Committee will have overall direction of planning emergency activities in the Province of Alberta. This Standing Committee shall consist of:

- a. The Premier of Alberta, or his representative,
- b. The Regional Officer, EMO,
- c. The Commander, Alberta Area, CA(R),
- d. ~~The Commanding Officer~~ "K" Division RCMP or his representative,
- e. The Co-ordinator, Alberta Emergency Measures.



14. To ensure adequate and timely preparation, the Standing Committee now authorizes liaison and planning by all agencies concerned to draw up and complete the plans necessary to meet a National Survival Emergency.

15. The principles in establishing this liaison shall be:

- a. The authority, Federal, Provincial or Military, charged with the responsibility will initiate the liaison, but liaison must be a continuing function in both directions.
- b. Liaison shall be in technical as well as operational matters.
- c. Liaison shall commence as soon as possible, and be a continuing activity.
- d. The Federal, Provincial and Military authorities, respectively, will inform each other of the appointment, location, and method of contact for all persons to whom authority has been delegated in specific fields.
- e. The Standing Committee will be kept informed of the progress of the various planning groups, both technical and operational, and will be available for advice on policy to these groups.

16. Attached as Annex "A" is a suggested list of items for planning including designation of the initiator and indication of the other agencies affected. This is not a complete list. For subjects not included here these principles will apply.

#### SECURITY

17. During the course of this liaison and planning, agencies and individuals will receive information of a classified nature. All such recipients are again reminded of the necessity of safeguarding such



The first part of the report deals with the general situation of the country. It is a very interesting and informative study of the country's development. The second part of the report deals with the specific details of the country's development. It is a very detailed and thorough study of the country's development. The third part of the report deals with the specific details of the country's development. It is a very detailed and thorough study of the country's development. The fourth part of the report deals with the specific details of the country's development. It is a very detailed and thorough study of the country's development. The fifth part of the report deals with the specific details of the country's development. It is a very detailed and thorough study of the country's development. The sixth part of the report deals with the specific details of the country's development. It is a very detailed and thorough study of the country's development. The seventh part of the report deals with the specific details of the country's development. It is a very detailed and thorough study of the country's development. The eighth part of the report deals with the specific details of the country's development. It is a very detailed and thorough study of the country's development. The ninth part of the report deals with the specific details of the country's development. It is a very detailed and thorough study of the country's development. The tenth part of the report deals with the specific details of the country's development. It is a very detailed and thorough study of the country's development.

information. Agencies and/or individuals in receipt of classified information must pass to subordinates only that minimum of information required by subordinates for the intelligent performance of their duties. Attached as Annex 'B' is a security instruction for guidance in the protection and dissemination of classified information.

18. This Directive takes effect from the date of issue.

Signed:

"G.R. Howsam"

(G.R. Howsam)  
Regional Officer  
EMO

Signed:

"Ernest Manning"

(E.C. Manning)  
Premier  
Province of Alberta

Signed:

"J.S. Ross"

(J.S. Ross)  
Brigadier  
Commander, Alberta  
Area

Signed at  
Edmonton, Alta.  
2 Apr 1960.

DISTRIBUTION:

ACTION:

Regional Officer, EMO - 30  
Government of the Province of Alberta )  
Alberta Emergency Measures Organization ) - 400  
HQ Alberta Area - 110  
RCMP - 10

INFO:

HQ Western Command - 5  
HMCS Nonsuch - 1  
RCAF Station Namao - 2  
RCAF Station Penhold - 2  
18 Wing RCAF(A) - 6  
File - 1  
Spare - 30





PROVINCIAL STANDING COMMITTEE

LIAISON CHANNELS

SERIAL	SUBJECT	INITIATE BY	OTHER AGENCIES INVOLVED		MILITARY	RCMP	CD	REMARKS
			FEDERAL (EMO)	PROVINCIAL (c)				
1	Provincial Policy	Any	(a)	(a)	(a)	(a)	(a)	In Provincial Standing Committee
2	EMC matters, e.g., War Supplies Agency	Federal		(a)	(b)	(b)		
3	Health & Medical	Province	(a)		(a)		(a)	
4	Refugees and Evacuees	Province	(a)		(b)	(b)	(a)	
5	Law and Order	Province			(a)	(a)	(b)	
6	Highways & Traffic	Province	(b)		(b)	(a)	(a)	
7	Utilities	Province			(a)	(b)	(a)	Includes sewage, water, electricity, gas, and civilian communications.

NOTES: (a) Prime Interest  
(b) Some implications  
(c) Includes municipal authorities as applicable

18

18

SERIAL	SUBJECT	INITIATE BY	OTHER AGENCIES INVOLVED		MILITARY	RCMP	CD	REMARKS
			FEDERAL (EMC)	PROVINCIAL (c)				
8	Warning and Emergency communications	Army	(a)	(a)		(a)	(a)	Includes CBC, DOT, RCMP, CD, Forestry and Utilities networks.
9	Military Planning general	Army	(b)	(b)		(b)	(a)	Includes use of non-military stores, technical advice, collection of technical data and records.
10	Military Planning Re-entry Operations	Army		(a)		(a)	(a)	To permit Army Task Force HQ and Mobile Survival Column (MSC) HQ to complete all plans including nature and scale of civilian aid, technical advice and advisor required at military formations and unit HQ. This will of necessity incorporate details of major planning incorporated in serials 3-7.





SECURITY INSTRUCTIONS FOR THE CARE AND HANDLING  
OF CLASSIFIED DOCUMENTS

AIM

1. This instruction prescribes the procedure to be followed for the protection of classified information.

DEFINITIONS

2. a. NEED TO KNOW

A requirement, in the interests of the Army, for an individual to receive information in order to perform his duties.

- b. SECURITY

A condition providing maximum protection against compromise of classified information or material.

- c. COMPROMISED

A term applied to classified material, knowledge of which has, in whole or in part, passed to an unauthorized person or persons, or which has been subject to risk of such passing.

SECURITY CLASSIFICATIONS

3. a. SECRET

Documents, information or material, the unauthorized disclosure of which would endanger national security, cause serious injury to the interests or prestige of the nation, or any governmental activity thereof, or would be of great advantage to a foreign nation.

- b. CONFIDENTIAL

Documents, information or material, the unauthorized disclosure of which, while not endangering national security, would be prejudicial to the interests or prestige of the nation, any governmental activity, or

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$$A_{12} = 2 \text{ for } x = 0, 10, 1 \text{ at } 100^\circ\text{C} + 0 = 100^\circ\text{C} \quad \text{for } 100^\circ\text{C} - 10 = 90^\circ\text{C}$$
[illegible]

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains.

[illegible]

Figure 1. The effect of the concentration of the *Agaricus bisporus* spores on the growth of *Agaricus bisporus* on the substrate.

of any individual, or would cause administrative difficulty, or be of advantage to a foreign nation.

c. RESTRICTED

Documents, other than those covered by higher categories, which should not be published or communicated to anyone except for official purposes.

RESPONSIBILITY FOR SECURITY

4. In addition to personnel specifically charged with security responsibilities, each person is individually responsible for safeguarding classified information or material coming into his possession.

INDICATION OF CLASSIFICATION

5. a. Pages, paragraphs, sections, appendices, annexes and other parts of the same document may bear different classifications, but the document or file as a whole shall bear the overall classification of its most highly classified part.

b. If a document contains several components or unrelated subjects (eg, minutes of committee meetings) each paragraph or section shall be classified according to content, each page shall bear the highest classification contained in the document.

c. Classified documents which are released to non-governmental agencies, civilian contractors and persons not subject to security regulations of Federal Government Departments shall, in addition to the security classification, be imprinted conspicuously with the following warning: "This information is furnished subject to the following conditions:

(i) It is for the use of the recipient organization only, and shall not be released to another without written authority from the Department

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of National Defence.

- (ii) It shall be protected to prevent disclosure to unauthorized persons. Improper or unauthorized disclosure of this information is an offence under the Officials Secrets Act".

#### METHOD OF TRANSMISSION

- 5.6 a. SECRET material shall be sent by registered mail, or by Value Way Bill (Registered Express Service) enclosed in package, or by courier.
- b. CONFIDENTIAL or RESTRICTED material may be sent by first class mail, express or courier. Registered mail must, however, be used for CONFIDENTIAL material of United States origin.

#### PREPARATION FOR TRANSMISSION

- 6.7 a. SECRET and CONFIDENTIAL material shall be enclosed in two envelopes. RESTRICTED material does not require an inner envelope.
- b. The inner envelope shall:
  - (i) bear the abbreviated address, appropriate security classification, file reference and office of origin;
  - (ii) In addition to (i) if SECRET, be wax sealed.

#### TELEPHONES

- 7.6 The telephone is not secure and therefore shall not be used for the transmission of SECRET information.

When required by operational or administrative urgency, CONFIDENTIAL and RESTRICTED information may be passed in clear by telephone, in which case guarded speech shall be used. Such transmissions shall be kept to a minimum and normally shall be confined to conversations within a headquarters.

Speech privacy equipment, such as the "scrambler", has

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security value against casual, but not against organized eavesdropping. Private lines are not secure.

#### CONTROL OF ACCESS

8.4 Custodians of classified material shall take every reasonable precaution against deliberate or casual access by unauthorized persons, both during working hours and when offices are unoccupied.

Keys giving access to classified material shall be safeguarded in the same degree as the most highly classified material they protect.

Known or suspected unauthorized entry into premises containing classified material or tampering with classified material or storage equipment, shall be reported to the Royal Canadian Mounted Police without delay.

#### DISSEMINATION OF INFORMATION

- 9.1<sup>0</sup> a. No person is entitled solely by virtue of his rank or position to have knowledge or custody of classified information. Classified information normally shall be confined to service and civilian personnel:
- (i) who have been cleared to receive such information;
  - (ii) for whom there is an official need-to-know.

#### DESTRUCTION OF CLASSIFIED MATERIAL

10.1<sup>1</sup> All classified information issued by the Canadian Army which is to be discarded will be forwarded to the GSO 2, Alberta Area for destruction by fire. Classified information will NOT be discarded in ordinary office waste.

#### STORAGE OF CLASSIFIED DOCUMENTS

11.1<sup>2</sup> When not in use all SECRET information shall be kept locked in a dial safe; all CONFIDENTIAL and RESTRICTED information shall be kept in a metal filing cabinet secured with a steel bar and padlock or other more secure receptacle.

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ALL INFORMATION CONTAINED  
HEREIN IS UNCLASSIFIED

1. The first part of the document is a list of names and titles, including "The Hon. Mr. Justice" and "The Hon. Mr. Justice".

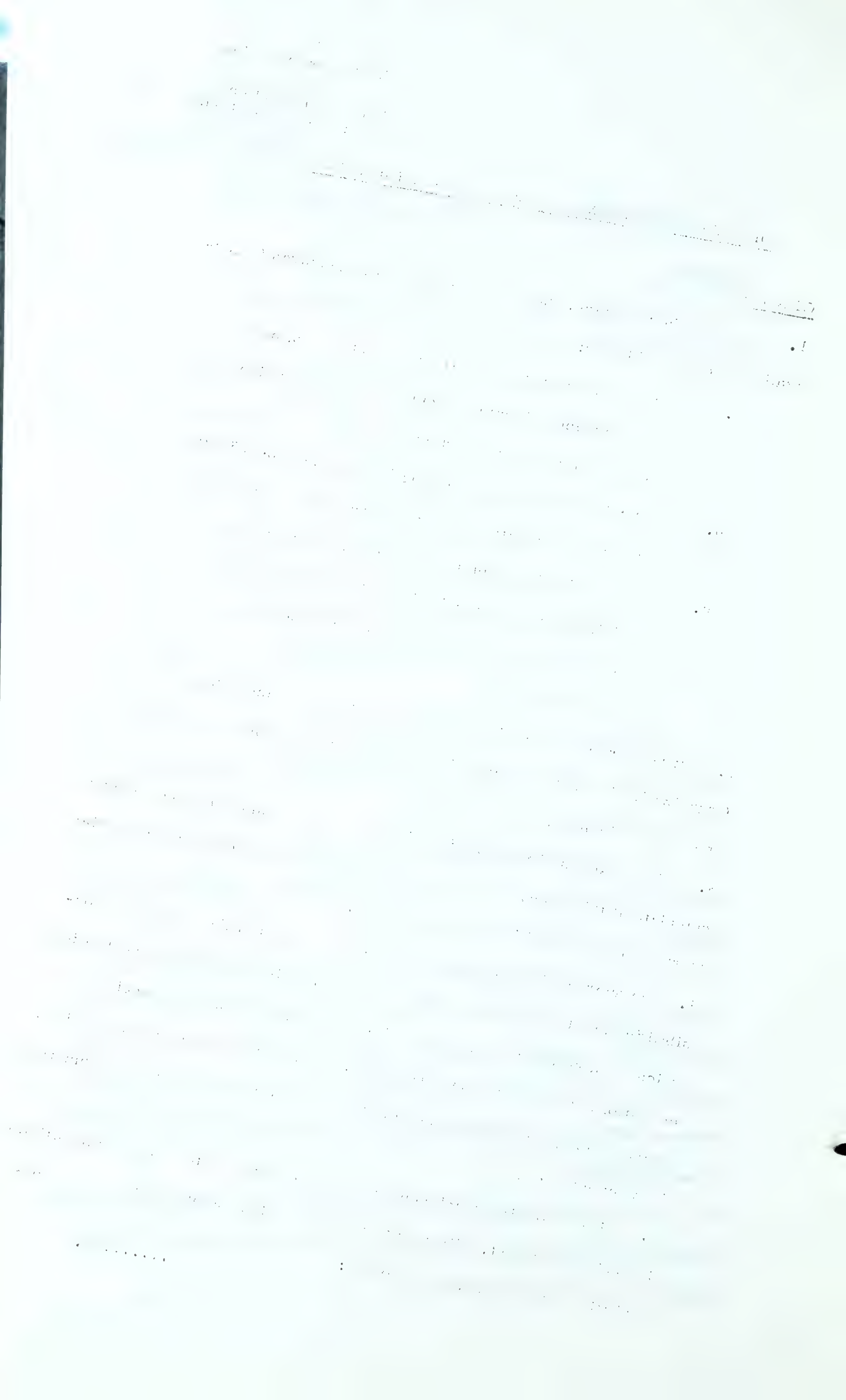
1. The first part of the document is a list of names and titles, including "The Hon. Mr. Justice" and "The Hon. Mr. Justice".



DEPARTMENTAL EMERGENCY RESPONSIBILITIES

GENERAL

1. Among other matters, the Alberta Emergency Measures Organization is responsible for:
  - a. Development of an overall provincial programme of emergency planning, including the preparation of an Alberta Survival Plan;
  - b. Detailed emergency planning in areas not specifically the responsibility of other Government departments;
  - c. Co-ordination of planning in the various areas of civil defence responsibility which have been, or shall be, assigned to other Government departments or agencies.
2. It is therefore essential that the Alberta Emergency Measures Organization be kept constantly informed of progress in departmental emergency planning.
3. The responsibilities outlined in this Annex should not be considered complete at this time. The Annex will be amended as additional essential wartime responsibilities become defined.
4. In approaching the planning task, an analysis of the normal responsibilities and the functions of the department will establish those activities which must be continued, expanded or suspended during a national survival operation. It is necessary, therefore, for departments to conduct such an analysis and proceed with planning for the continuation of essential functions in an emergency.
5. The analysis, which can only be undertaken by the appropriate officials in each department, will result in the classification of emergency responsibilities into four main categories:



- a. Those related to the manning of emergency re-location sites;
  - b. Those which must be undertaken during the shock phase;
  - c. Those which must be undertaken primarily during the intermediate phase; and
  - d. Those which must be undertaken during the recovery phase.
6. Two particular tasks not normally undertaken by departments must also be commenced:
- a. A departmental programme for the preservation of essential records. The Department of the Provincial Secretary is assigned responsibility for providing the basic direction and co-ordination of this programme;
  - b. The establishment and maintenance of a Succession Programme for those officials who are regarded as key figures in the department's emergency plan. The purpose of the programme is to ensure the availability of the appropriate officials, or their properly appointed successors, during a survival operation. The Public Service Commissioner is assigned the responsibility for providing the basic direction and co-ordination of this programme.
7. Additional planning responsibilities and emergency functions will become evident as civil emergency planning proceeds, and these will be delegated to departments as necessary.
8. In addition to responsibilities and functions during survival operations, there are peacetime responsibilities connected with assistance and advice to municipal authorities and the citizens of the province. Generally speaking, this assistance will be of a nature related to the peacetime functions of the department.
9. There are responsibilities for tasks which provide a common

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service to all departments during peacetime or during survival operations, e.g., co-ordination of the preservation of essential records. These responsibilities have been allocated to the departments which seem best equipped to assume them, having regard to the department's normal functions. For convenience they will be described herein as "common service" responsibilities.

10. The planning tasks specified in the succeeding paragraphs are those which are evident at this time. Certain of these are taken from a policy document agreed to by the Governments of Canada and Alberta as a division of general responsibilities. As a result, several of the assignments, though self-evident, have been included in view of the agreement.

11. Departmental emergency plans should be based on the use of all suitable resources within the Province. However, it will be appreciated that other agencies, e.g., Government of Canada, Canadian Army and Municipal Authorities, are engaged in civil emergency planning, and that liaison and co-ordination are necessary for establishing the availability of resources.

#### SPECIFIC RESPONSIBILITIES

##### 12. Agriculture

- a. Maintenance of the agricultural economy of the Province under emergency conditions;
- b. Protection, inspection and decontamination of food crops, livestock and farm water supplies;

##### 13. Attorney General

- a. With the RCMP, the preservation of law and order and prevention of panic during an emergency, including the co-ordination of emergency plans for the use of municipal



police and special constables. Establishment of the necessary organization and training programme to ensure the required emergency capability;

- b. With the RCMP, the planning (and necessary planning direction to municipalities) to provide for the control of traffic on roads and streets, except in areas damaged by explosions or covered by serious radioactive fallout, including special measures to assist in the emergency movement of people from areas likely to be attacked, or affected by serious radioactive fallout;

- c. The preparation of emergency statutes, orders and regulations for use during a national survival operation,

N.B. The RCMP has been assigned the responsibility for providing advice and assistance in tasks described in paragraphs 13 a and 13 b. The Canadian Army has been assigned the responsibility for control in areas damaged by a nuclear explosion or contaminated by serious radioactive fallout.

14. Audit. Will assist the Treasury Department with respect to that department's emergency function.

15. Alberta Government Telephones. Co-ordination of the planning and operation of an emergency communications service in liaison with the appropriate Provincial and Federal Government Departments and the Canadian Army.

16. Alberta Liquor Control Board. Assignment of personnel and storage facilities for use in a programme for the control and distribution of essential supplies. This programme is to be established by the Federal Emergency Supplies Agency, aided by the Department of the Provincial Treasurer.,

17. Public Utilities Board. Assignment of personnel in accordance with the government services manpower utilization plan.

18. Education.

- a. Introduction of national survival information into the schools' curricula;





- b. Assignment of personnel in accordance with the government services manpower utilization plan.

19. Highways.

- a. Common Service - Acting in co-operation with the federal road transport authority in the emergency control and allocation of road transport;
- b. Maintenance, clearance and repair of highways;
- c. Liaison with the RCMP in connection with assistance and advice to municipalities in the matter of traffic control;
- d. The erection and maintenance of special signs on the provincial highways.

20. Industry and Development.

- a. Maintenance and repair of electrical utilities, and the allocation of the use of electricity to meet emergency requirements;
- b. The assignment of personnel in accordance with the government services manpower utilization plan.

21. Labour. Common Service - With the Federal Department of Labour and the Unemployment Insurance Commission the re-employment and movement of manpower, except medical. (The responsibility for medical and allied services manpower planning is shared by the Alberta Department of Public Health and the Federal Department of National Health and Welfare.)

22. Lands and Forests. Common Service - Co-ordination with the Department of the Provincial Secretary for the use of the department's fire-fighting apparatus and personnel.

23. Mines and Minerals.

- a. Provide assistance to the Oil and Gas Conservation Board in the control of petroleum, natural gas and liquified petroleum production and distribution;



- b. The assignment of personnel in accordance with the government services manpower utilization plan.

24. Municipal Affairs.

- a. The preparation, with the Department of the Attorney General, of legislation necessary to enable municipal authorities legally to undertake emergency government during a national survival operation;
- b. The assignment of personnel in accordance with the government services manpower utilization plan.

25. Oil and Gas Conservation Board. Together with a federal agency to be designated, the control of petroleum, natural gas and liquified petroleum production and distribution.

26. Provincial Secretary.

- a. Common Service - The basic planning, supervision and co-ordination of a programme for the preservation and emergency availability of essential government and other records;
- b. Organization of municipal fire-fighting services, and control over and direction of these services in wartime, except in damaged or heavy fallout areas, where fire-fighting will be under the direction of the Army as part of re-entry operations;
- c. The assignment of personnel in accordance with the government services manpower utilization plan.

27. Public Health.

- a. Organization and control of medical services, hospitals (including emergency hospitals) and public health measures;
- b. With the Department of National Health and Welfare and the Department of National Defence, the employment and movement of medical and allied services manpower;

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- c. Responsibility for the training of medical and auxiliary medical personnel for national survival tasks, including first aid and home nursing training;
- d. With the Department of Public Works, responsibility for the organization of municipal and other services for the maintenance and repair of water and sewage disposal systems.

N.B. The Department of National Health and Welfare has an assigned responsibility to provide advice and assistance in connection with the organization task.

28. Public Service Commissioner.

- a. Common Service - The establishment and maintenance of a government services manpower utilization plan for the effective use of employees who will not be required in their own department's emergency operations. Ensure necessary liaison with the Alberta Department of Labour which is concerned with others in overall manpower planning;
- b. Common Service - The basic direction and co-ordination of a Succession Programme for those officials considered to be key figures in the department's emergency plan. The purpose of the programme is to ensure the availability of the appropriate officials (or their properly appointed successors) during a survival operation. The Public Service Commissioner is assigned the responsibility for providing the basic direction and co-ordination of this programme.
- c. With the appropriate departments, the selection and allocation of auxiliary personnel for service at Regional Emergency Headquarters and Zone Headquarters. This programme will necessitate the peacetime training of personnel selected.

• *Journal of the American Medical Association*, 1997; 277: 1001-1005

[illegible]

29. Public Welfare. The establishment of reception services, including arrangements for providing accommodation, emergency feeding and other supplies and welfare services for people who have lost or left their homes, or who require help because of the breakdown of normal channels of assistance. The Department of National Health and Welfare has an assigned responsibility to provide advice and assistance in the task of organization.

30. Public Works.

- a. Responsibility with the Department of Public Health, for organizing municipal and other services for the maintenance and repair of water and sewage disposal systems;
- b. Common Service - The preparation and maintenance of re-location accommodation required for all departments. (The amount of accommodation needed should be established as soon as possible, and be based on an interim estimate, provided by the departments, of the minimum numbers and categories of personnel required to perform emergency duties.)

31. Treasury.

- a. Common Service - Planning, together with the Federal Department of Finance, for wartime financing by governments at provincial and municipal levels; for banking and currency arrangements during the survival period; for moratoria on debt payments, and for the emergency financial support of individuals and business;
- b. Common Service - With the Federal Emergency Supplies Agency, the effective control and distribution of essential emergency supplies.

32. University of Alberta.

- a. The dispersal or assignment of the student body;

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1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

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*Journal of Management Education* 30(6)p. 789-804  
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1. *Phragmites australis* (Cav.) Trin. ex Steud.

100

Number of hauls	<i>P. setiferus</i> (%)	<i>P. setiferus</i> + <i>P. setiferus</i> + <i>P. setiferus</i> (%)	<i>P. setiferus</i> + <i>P. setiferus</i> + <i>P. setiferus</i> (%)
1	10	5	2
2	35	10	3
3	65	15	4
4	85	20	5
5	95	25	6
6	98	30	7
7	99	35	8
8	100	40	9
9	100	45	10
10	100	50	10

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1990

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- b. The assignment of personnel in accordance with the government services manpower utilization plan.

33. Research Council. The assignment of personnel in accordance with the government services manpower utilization plan.

34. Workmen's Compensation Board. The assignment of personnel in accordance with the government services manpower utilization plan.

1. The first of these is the fact that the

present system of taxation is not

designed to encourage the production of goods

which are essential to the welfare of the community.

2. The second of these is the fact that the

present system of taxation is not designed to

BASIC FORM OF DEPARTMENTAL EMERGENCY PLANS

GENERAL

1. The purpose of this Annex is to consider several matters related to the Departmental Emergency Plans and to lay down a basic form to be followed. The basic form to be used is attached as Appendix 1 to this Annex.
2. A basic form for the several departmental emergency plans is essential to permit ready reference by users, and to provide general uniformity throughout the Volumes of the Alberta Survival Plan, of which each forms a part. The method used for main headings, paragraph headings and paragraph numbering is established solely for this reason.
3. A departmental emergency plan will include only those matters which show how the department will carry out its functions during a national emergency.

DEFINITIONS

4. a. The MAIN BODY of the Plan is the first part containing only sufficient detail to provide the reader with the broad outline, additional detail will be provided by the addition of Annexes, Appendices and Attachments, if necessary. (See Alberta Survival Plan, Volume One for example.)
- b. An ANNEX to the Plan is an addition containing details which amplify, explain or supplement any part of the Main Body of the Plan. Annexes will be lettered and their titles will be listed at the foot of the main document.  
(This document forms an Annex to Alberta Survival Plan, Volume One.)

1. The first part of the report  
describes the general situation  
of the country and the  
main problems facing it.

2. The second part of the report

describes the results of the  
survey conducted in the  
different regions of the country.  
The survey was carried out  
by a team of experts who  
visited the different regions  
and collected data on the  
main problems facing the  
population. The results of  
the survey show that the  
main problems facing the  
population are the lack of  
employment, the low level of  
education, and the poor  
health care system. The  
survey also shows that the  
population is very poor and  
that the majority of the  
population lives in rural areas.  
The survey also shows that  
the population is very  
poorly educated and that  
the health care system is  
very poor. The survey also  
shows that the population is  
very poor and that the  
majority of the population  
lives in rural areas. The  
survey also shows that the  
population is very poorly  
educated and that the health  
care system is very poor.

3. The third part of the report  
describes the main problems  
facing the country and the  
main problems facing the  
population.



- c. An APPENDIX is a subsidiary addition to an Annex containing details which amplify, explain or supplement any part of the Annex to which it is attached. Appendices will be numbered and their titles listed at the foot of the Annex to which they are attached. (This Annex has an Appendix.)
- d. An ATTACHMENT is a subsidiary addition to an Appendix, often a chart or map. Attachments will be identified by Roman numerals and their titles will be listed at the foot of the Appendix to which they are attached.

#### ISSUE OF PLANS

- 5. Approved departmental emergency plans, or portions of such plans, will be issued on a "required to know" basis, to restrict distribution within reasonable bounds.
- 6. It must be understood that plans may, and should, be issued before all matters of detail have been established or gathered if these are unduly delayed. This is to say, that the main body of a departmental emergency plan, together with certain Annexes must be prepared for consideration, approval and issue, as soon as the emergency functions of the department have been defined. Reference will be made within the main body to all anticipated Annexes, etc., which will be issued when prepared.
- 7. Similarly, it must be understood that municipal planning cannot be completed until the Alberta Government plans are issued in written form.

#### PLANNING

- 8. Direction to departmental officials and municipal authorities related to the work of preparing departmental or municipal plans will not form a part of the departmental emergency plan but will be issued

...../3.



separately, as required, as Departmental Planning Instructions.

#### TRAINING

9. Direction to departmental officials and municipal authorities regarding the development and implementation of required training programs will not form a part of the department emergency plan, but will be issued separately, as required, as Departmental Training Instructions.

#### EMERGENCY HEADQUARTERS

10. Accommodation arrangements for departmental staffs at the Regional Emergency Headquarters, Satellite Headquarters and Zone Headquarters are the responsibility of Headquarters, Alberta Emergency Measures, and will be made with the appropriate agencies. Detail will be issued as part of the Alberta EMO section of the Alberta Survival Plan.

#### APPENDICES

1 - Basic Form of Departmental Plan

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BASIC FORM OF DEPARTMENTAL PLAN

DEPARTMENT OF \_\_\_\_\_  
EMERGENCY PLAN

GENERAL

1. Authority. This paragraph will state the authority under which the plan is made, i.e.,

- a. The Civil Defence and Disaster Act;
- b. Volume One - Alberta Survival Plan.

2. Under this paragraph there should also appear a statement which will indicate that any other emergency legislation necessary will be issued, when prepared and authorized, as part of the Departmental Emergency Plan.

3. Implementation. This paragraph will state the circumstances under which the plan will be implemented, i.e.,

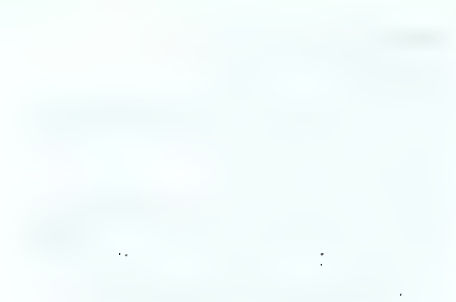
- a. upon the dissemination of an ALERT Warning by the Government of Canada, or
- b. upon the declaration by the Lieutenant Governor in Council that a state of emergency exists. (R.S.A.1955,c.43,s.8)

4. Responsible Official. This paragraph will designate that the Minister of the Department (Chairman of the Board, etc.,) is the official responsible for the development and execution of the emergency plan. The preparation of the plan will be undertaken by the Departmental Emergency Planning Officer.

SITUATION

5. Paragraphs under this main heading will define how the threat may affect the normal operation of the department and thereby indicate

...../2.



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the course of action to be taken during an emergency. Volumes One and Two of the Alberta Survival Plan should be used to determine the "Situation".

### MISSION

6. The objectives of the plan will be stated under this main heading in a very concise manner. The statement will comprise nothing more than the emergency function of the department. All that follows will be designed to achieve the "Mission".

### EXECUTION

7. The paragraphs under this main heading, together with Annexes and Appendices will provide the detail of the methods, and organization pattern, to be used to undertake the emergency functions of the department. This is the main portion of the plan and will be extensive.

8. The following are examples of items which should be included in the "Execution" section:

- a. Portions of certain departmental responsibilities will be assigned to municipalities and other agencies. For example, Emergency Health Services will assign responsibility for the reception of patients from Target Area hospitals to Municipal Emergency Health Services. Such assignments must be made formally. Detail will be included in an Annex.
- b. Assignment of personnel, by present appointment, and a description of their functions and responsibilities together with an organization chart, and the arrangements for successors to key appointments.
- c. Detail of Warning Arrangements within the Department --- both during and outside of working hours. (This should form an Annex to the emergency plan.)

...../3.

THE UNIVERSITY OF CHICAGO

PHYSICS DEPARTMENT

REPORT NO. 100

BY

JOHN H. SCHWARTZ

AND

ROBERT H. LEE

Submitted to the Faculty of the Division of the Physical Sciences

in partial fulfillment of the requirements for the degree of Doctor of Philosophy

CHICAGO, ILLINOIS

1961

PHYSICS DEPARTMENT

UNIVERSITY OF CHICAGO

LIBRARY



- d. Departmental arrangements for the preservation of essential records, including detail of those to be stored at various locations. (This should form an Annex to the emergency plan.)
  - e. Movement and reporting instructions for personnel involved in the implementation of the departmental plan. (This should form an Annex to the emergency plan.)
  - f. Control of departmental equipment and supplies during an emergency must be detailed together with an indication of the nature of additional resources required. This provides a guide for the emergency supply organization to use in assessing and allocating available resources.
  - g. An indication that Standing Operating Procedures (SOPs) will be issued to provide for certain actions to be automatic upon receipt of warnings etc.,
  - h. The issue of Operations Instructions related to the department's responsibility will occur as necessary. These will amplify any portion of the "Execution" section. Mention should be made that such Instructions will be issued.
9. The sequence of paragraph headings within the "Execution" section will therefore be:
- a. Organization Pattern;
  - b. Assignment of Responsibilities;
  - c. Assignment of Departmental Personnel;
  - d. Warning;
  - e. Essential Records;

...../4.

1. The first part of the document discusses the importance of maintaining accurate records of all transactions and activities. It emphasizes the need for transparency and accountability in financial reporting.

2. The second part of the document outlines the various methods and techniques used to collect and analyze data. It includes a detailed description of the experimental procedures and the statistical analysis performed.

3. The third part of the document presents the results of the study. It includes a series of tables and graphs that illustrate the findings of the research. The data shows a clear trend in the relationship between the variables studied.

4. The fourth part of the document discusses the implications of the findings. It highlights the potential applications of the research in various fields and the need for further investigation. The authors conclude that the study has provided valuable insights into the phenomenon being investigated.

5. The fifth part of the document provides a summary of the key points discussed. It reiterates the main findings and the conclusions drawn from the study. The authors express their gratitude to the funding agency and the participants who made the study possible.

6. The sixth part of the document includes a list of references and a bibliography. It cites the works of other researchers in the field and provides a comprehensive overview of the literature related to the study.

7. The seventh part of the document contains a list of appendices and supplementary materials. These include additional data, figures, and tables that are not included in the main text of the document.

- f. Movement and Reporting;
- g. Equipment and Supplies;
- h. Standing Operating Procedures;
- j. Operation Instructions;
- k. Additional paragraphs (supported by Annexes, if necessary,) required by the Department.

#### REVIEW AND AMENDMENT

10. Departmental Emergency Plans will be reviewed by departments and amended at specified regular intervals. The effective date of review, and amendment, if necessary, will be 30 June and 31 December annually. Urgent amendments, however, will be made at any time. A statement establishing the foregoing procedure will therefore appear under this main heading.

#### DISTRIBUTION

11. Each Departmental Emergency Plan will have attached to the main body of the plan, ahead of any Annexes, a listing showing the complete initial distribution.





BASIC FORM OF MUNICIPAL EMERGENCY PLANS

GENERAL

1. The purpose of this Annex is to consider several matters related to Municipal Emergency Plans and to lay down a basic form to be followed. The basic form to be used is attached to this Annex as Appendix 1.
2. A basic form for Municipal Emergency Plans is essential to permit ready reference by users and to provide general uniformity throughout the Volumes of the Alberta Survival Plan, of which each will form a part. The method used for main headings, paragraph headings and paragraph numbering is established solely for this reason.
3. A Municipal Emergency Plan will include only those matters which show how the municipality will carry out its functions during a national emergency. Any alternative arrangements which are planned must be included. Plans prepared to deal with natural disaster will be maintained separately by municipalities.
4. Where several municipalities constitute a Civil Defence/Emergency Measures Unit, *plan covering the whole Unit rather than individual municipalities will be required* ~~a Civil Defence/Emergency Measures Unit Plan will be required in addition to the Emergency Plan for each member municipality.~~
5. Three copies of the Emergency Plan prepared by a municipality or Unit shall be submitted to the Minister-in-Charge of Alberta Emergency Measures in accordance with Sections 6 (1) and 7 (2) of the Civil Defence and Disaster Act.

DEFINITIONS

6. a. The MAIN BODY of the Plan is the first part containing only sufficient detail to provide the reader with the broad outline. Additional detail will be included in Annexes,



Appendices and Attachments, if necessary.

(See Alberta Survival Plan, Volume One for example.)

- b. An ANNEX to the Plan is an addition containing details which amplify, explain or supplement any part of the Main Body of the Plan. Annexes will be lettered and their titles will be listed at the foot of the main document. (This document forms an Annex to Alberta Survival Plan, Volume One.)
- c. An APPENDIX is a subsidiary addition to an Annex containing details which amplify, explain or supplement any part of the Annex to which it is attached. Appendices will be numbered and their titles listed at the foot of the Annex to which they are attached. (This Annex has an Appendix.)
- d. An ATTACHMENT is a subsidiary addition to an Appendix, often a chart or map. Attachments will be identified by Roman numerals and their titles will be listed at the foot of the Appendix to which they are attached.

#### ISSUE OF PLANS

7. Approved Municipal Emergency Plans, or portions of such plans, will be issued on a "required to know" basis, to restrict distribution within reasonable bounds.

8. It must be understood that plans may, and should, be submitted for approval by the Minister before all matters of detail have been established or gathered if these are to be unduly delayed. This is to say that the main body of a Municipal Emergency Plan, together with certain Annexes may be prepared forthwith and be submitted for approval and subsequent issue. Reference will be made within the main body to all anticipated Annexes etc.,





which will be issued when prepared by the municipality and approved by the Minister.

9. Similarly, it must be understood that the Municipal Emergency Plan will form the authoritative basis for emergency measures to be taken in a municipality during survival operations.

#### PLANNING

10. Direction to Municipal Officials related to the work of preparing departmental plans will not form part of the Municipal Emergency Plan, but will be issued separately, as required, as Municipal Emergency Planning Instructions. A guide to typical planning tasks will be found in the "Survival Planning Guide for Municipalities", Chapter IV, Annex A, prepared by the Federal Emergency Measures Organization, and issued to all municipalities on 10 February 1961.

#### TRAINING

11. Direction to Municipal Officials regarding the development and implementation of required training programs will not form part of the Municipal Emergency Plan, but will be issued separately, as required, by municipal authorities, as Municipal Emergency Training Instructions.

#### PUBLIC INFORMATION

12. The pre-emergency public information program will not form part of the Municipal Emergency Plan, but will be developed and implemented separately. It will be undertaken in conjunction with, and in support of, the Alberta and national public information program.

#### APPENDICES

- 1 - Basic Form of Municipal Emergency Plan



BASIC FORM OF MUNICIPAL EMERGENCY PLAN

MUNICIPALITY OF \_\_\_\_\_

EMERGENCY PLAN

GENERAL

1. Authority. This paragraph will state the authority under which the plan is made, i.e.:

- a. The Civil Defence and Disaster Act;
- b. Volume One - Alberta Survival Plan;
- c. The relevant Municipal By-law.

2. Under this paragraph there should appear a statement which will indicate that any other emergency municipal legislation necessary will be issued, when prepared and authorized, as part of the Municipal Emergency Plan.

3. Implementation. This paragraph will state the circumstances under which the Municipal Emergency Plan will be implemented, i.e.,:

- a. Upon the dissemination of an ALERT Warning by the Government of Canada;
- b. Upon the declaration by the Lieutenant Governor in Council that a state of emergency exists. (RSA 1955, c. 43, s. 8).

4. Responsible Officials. This paragraph will establish that the Mayor (Reeve/Chairman) and Council are the officials responsible for the development and execution of the Municipal Emergency Plan. The preparation of the plan will be undertaken by the Director of Civil Defence or such other official, or officials, as the Mayor (Reeve/Chairman) and Council may designate.





## SITUATION

5. Paragraphs under this main heading will define how the threat may affect the normal operation and activities of the municipality and the municipal population and thereby indicate the several courses of action to be taken during an emergency. Volumes One and Two of the Alberta Survival Plan should be used to determine the "Situation".

## MISSION

6. The objectives of the plan will be stated under this main heading, in a very concise manner. The statement will comprise nothing more than the emergency function which will be undertaken by the municipal authority to save life and continue government and will include any special responsibilities assigned to the municipality by the Government of Alberta. All that follows will be designed to achieve the Mission.

## EXECUTION

7. The paragraphs under this main heading, together with Annexes, Appendices and Attachments, as necessary, will provide the detail of the methods, and organization pattern, to be used to undertake the emergency functions of the municipality. This is the main portion of the plan and will be extensive.

8. It must be clearly understood that the plans of municipalities in the designated Target Areas must be based on the possibility of two different situations.

- a. Sufficient warning time;
- b. Insufficient warning time.

9. The following sub-paragraphs designate some of the items which must be covered under the "Execution" section depending on whether a municipality is within a Target Area or is in a Reception Area. Each item should receive general reference under the section with all details included as Annexes.



- a. Emergency Organization. A description of the emergency organization will be given --- supported by an Annex which will clearly define the chain of authority to be followed during an emergency. The geographical subdivision of the municipality for dispersal or reception should be included together with the emergency operational locations etc. (e.g., Headquarters, assembly areas for evacuees without transportation in the Target Area.)
- b. Public Warning. The methods to be used to disseminate Warning to the municipal population will be described and designate the appointments of the persons or the name of the agency responsible for the task.
- c. Alerting and Assembly of Operational Personnel. Any additional method of warning civic and civil defence personnel for emergency duty other than by sirens and radio --- together with assembly instructions.
- d. Emergency Public Information. The methods to be used to disseminate emergency public information within the municipality.
- e. Assignment of Personnel. The assignment of civic personnel to duties during an emergency. Assignments should be by appointment rather than by name. In some cases the total personnel of a branch or department may be assigned to duty in a particular area of the emergency organization pattern. (Personnel recruited into a civil defence service automatically become assigned to that service.) Lines of Succession for key positions within the emergency organization will also be established,





with successors being named. The functions and responsibilities of the key members of the organization will be described in an Annex.

- f. Departmental and Civil Defence Services Plan. Each municipal department and Civil Defence Service will have operational plans. These must be identified and each will form an Annex.
- g. Essential Records. The protected location of essential records and the inventory of such records will be detailed.
- h. Equipment and Supplies - Municipal. The method of control and movement of equipment and supplies owned by the municipality.
- j. Equipment and Supplies - Non-Municipal. The method of control and movement of equipment and supplies, not owned by the municipality will be detailed and will remain valid until superseded by direction from the Federal Emergency Supply Planning Branch or War Supplies Agency. This proviso must be included.
- k. Emergency Communications. The emergency communications system will be described.
- l. Traffic Control. The detailed Traffic Control Plan for the municipality will form part of the Police Services Plan.
- m. Radiological Defence. The detection and marking of radiation hazards. (Decontamination of persons in a damaged area will be the responsibility of the Canadian Army. Outside a damaged area, the responsibility will be that of the municipal authorities. The detailed plan for this latter operation will be part of the Emergency Health Services Plan.)



- n. Emergency Accommodation. Accommodation to be used for emergency purposes, including headquarters, supply facilities and reception facilities.
- o. Road Transport Control. The method of control of road transport facilities. The municipal plan will remain valid until superseded by direction from the National Transportation Authority. This proviso must be included.
- p. Manpower Control. The method of control and utilization of manpower within the municipality. The municipal plan will remain in force until superseded by direction from the National Manpower authority. This proviso must be included.
- q. Remedial Evacuation. The plans to affect remedial evacuation from a fallout area.
- r. Mutual Aid. The amount and type of aid which can be made available for such service. The method of assembly and provision of such aid.
- s. Standing Operating Procedures. An indication that Standing Operating Procedures (SOPs) will be issued to provide for certain actions to be automatic upon receipt of warnings etc.,
- t. Operation Instructions. Operation Instructions for a Municipal Department or Civil Defence Service related to its responsibility will be issued as necessary. These will amplify any portion of the plan of the department or service. Mention will be made that Operation Instructions will be issued.





10. The sequence of paragraph headings within the "Execution" section will therefore be:

- a. Emergency Organization
- b. Public Warning
- c. Emergency Public Information
- d. Assignment of Personnel
- e. Warning and Assembly of Operational Personnel
- f. Departmental and Civil Defence Services Plans
- g. Essential Records
- h. Equipment and Supplies - Municipal
- j. Equipment and Supplies - Non-Municipal
- k. Emergency Communications
- l. Traffic Control
- m. Radiological Defence
- n. Emergency Accommodation
- o. Road Transport Control
- p. Manpower Control
- q. Remedial Evacuation
- r. Mutual Aid
- s. Standing Operating Procedures
- t. Operation Instructions
- u. Other paragraphs (supported by Annexes, if necessary)  
required by the municipality.

#### REVIEW AND AMENDMENT

11. Municipal Emergency Plans will be reviewed by the municipal authorities and amended at specified intervals. Amendments will be subject to the approval of the Minister. The effective date of review, and amendment if necessary, will be 30 June and 31 December annually. Urgent amendments,



however, may be submitted for approval at any time. A Statement establishing the foregoing procedure will therefore appear under this main heading.

DISTRIBUTION

12. The Municipal Emergency Plan will have attached to the main body of the plan, ahead of any Annexes, a listing showing the complete initial distribution.





# ALBERTA EMERGENCY MEASURES ORGANIZATION

CABINET COMMITTEE ON EMERGENCY MEASURES

STANDING COMMITTEE

Premier of Alberta

Regional Officer, Federal EMO

Commander Alberta Area, Canadian Army

OC "K" Division RCMP

Co-ordinator, Alberta EMO

CO-ORDINATING  
COMMITTEE

DEPUTY MINISTER

NATIONAL & PROV. ORGANIZATIONS

DEPUTY CO-ORDINATOR

CIVIL DEFENCE  
DIVISION

ADMINISTRATION  
DIVISION

TRAINING  
DIVISION

CONTINUITY OF GOVT.  
DIVISION

SOUTHERN ZONE

CENTRAL ZONE

NORTHERN ZONE

PEACE RIVER ZONE

MUNICIPALITIES

ANNEX H to  
Alberta Survival Plan  
Volume One  
Planning Instructions  
Dated: November 1960

Direction

Co-ordination and/or Liaison

HQ Alberta EMO  
Edmonton  
15 August 1960



ZONE BOUNDARIES

1. The Province of Alberta is divided for Emergency Government purposes into three Zones:

- a. Peace River Zone.
- b. Northern Zone.
- c. Southern Zone.

2. Each Zone comprises the Municipalities, Improvement Districts and Special Areas designated hereunder:

a. Peace River Zone.

- (1) Counties - 1.
- (2) Municipal Districts - 130, 133, 135 and 136.
- (3) Improvement Districts - 110, 111, 124, 125, 126, 128, 129, 131, 132, 134, 137, 138, 139, 144, 145, 146, 147, 148 and 149.

b. Northern Zone.

- (1) Counties - 3, 6, 7, 9, 10, 11, 12, 13, 14, 15, 18, 19 and 20.
- (2) Municipal Districts - 52, 61, 62, 63, 71, 72, 75, 81, 82, 84, 87, 92 and 93.
- (3) Improvement Districts - 65, 68, 69, 77, 78, 79, 80, 85, 95, 96, 97, 101, 102, 107, 108, 109, 121, 122, 123 and 143.

c. Southern Zone.

- (1) Counties - 2, 4, 5, 8, 16 and 17.
- (2) Municipal Districts - 6, 9, 14, 25, 26, 31, 34, 44, 47, 48 and 55.
- (3) Improvement Districts - 8, 10, 11, 22, 24, 27, 33, 42, 50, 51, 58 and 946.
- (4) Special Areas - 2 and 3.





O. C. 1821/61

Approved and Ordered:

(Signed) J. PERCY PAGE  
LIEUTENANT GOVERNOR

Edmonton, Friday, 24 November 1961

The Executive Council has had under consideration the report of the Honourable the Minister of Agriculture, dated 17 November 1961, stating that:

WHEREAS under the provisions of section 6, subsection (2), clause (f) of the Civil Defence and Disaster Act, being chapter 43 of the Revised Statutes of Alberta, 1955, the Minister, with the approval of the Lieutenant Governor in Council, may make regulations for the carrying into effect of a plan or program relating to civil defence or disaster; and

WHEREAS it is deemed desirable to make regulations for the carrying into effect a plan for Emergency Fire Services in the Province of Alberta;

THEREFORE, upon the recommendation of the Honourable the Minister of Agriculture, the Executive Council advises that, pursuant to the provisions of the Civil Defence and Disaster Act, the Lieutenant Governor in Council hereby approves the Emergency Fire Services Regulations in accordance with the Schedule hereto.

(Signed) ERNEST C. MANNING  
CHAIRMAN



## SCHEDULE

1. The Fire Commissioner is hereby appointed co-ordinator of fire departments in the Province of Alberta for the purposes of civil defence and disaster.
2. (1) The Fire Commissioner may appoint a committee of senior fire department officers for the purpose of preparing emergency plans for the consideration of the Provincial Secretary
  - (a) for co-ordinating the activities of the various fire departments in the Province,
  - (b) for making the most effective use of all fire equipment and trained personnel, and
  - (c) for the development of mutual aid programs for the Province.
- (2) A committee appointed under subsection (1) shall include the fire chief of the city of Calgary and the fire chief of the city of Edmonton if these officers are willing to serve on the committee.
3. (1) Where a state of emergency exists and subject to the direction of the Provincial Secretary, the Fire Commissioner has general command and control of all fire departments, fire officers, fire fighters and auxiliary equipment and personnel.
- (2) In this section "Provincial Secretary" means the Provincial Secretary or any other member of the Executive Council exercising the powers of the Provincial Secretary during a state of emergency.
4. Where a state of emergency exists, the Fire Commissioner may require any fire officer or fireman to serve in any place in the Province under the command of any designated fire officer or authority.
5. Subject to sections 34 and 35 of the National Defence Act (Canada), during a state of emergency no fire officer or fireman may resign without the consent of the Fire Commissioner.
6. Where an emergency exists, the Attorney General may make agreements with the Crown in right of Canada or of any other Province or any agency thereof for the provision of additional fire services, and upon the agreement being made, all fire officers or firemen to whom the agreement relates may act as fire officers or firemen in the Province subject to the direction of the Fire Commissioner.
7. Where a state of emergency exists, the Fire Commissioner may require all or any persons who have received training as fire officers or firemen to serve as fire officers or firemen for the duration of the emergency, or such lesser time as the Fire Commissioner may prescribe.

1. The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that proper record-keeping is essential for the transparency and accountability of the organization. This section also outlines the various methods used to collect and analyze data, ensuring that the information is reliable and up-to-date.

2. The second part of the document focuses on the implementation of these practices across different departments. It provides a detailed overview of the roles and responsibilities of each team, as well as the specific steps required to ensure compliance with the established protocols. This section also includes a timeline for the implementation of these measures, allowing for a clear understanding of the progress and any potential challenges.

3. The third part of the document addresses the ongoing monitoring and evaluation of the implemented measures. It describes the various tools and techniques used to track performance and identify areas for improvement. This section also includes a discussion on the importance of regular communication and collaboration between all stakeholders to ensure the continued success of the initiative.

4. The final part of the document provides a summary of the key findings and conclusions. It highlights the significant improvements in transparency and accountability achieved through the implementation of the proposed measures. This section also includes a list of recommendations for future work, ensuring that the organization remains committed to continuous improvement and high standards of performance.



O. C. 2027/61

Approved and Ordered:

(Signed) J. PERCY PAGE  
LIEUTENANT GOVERNOR

Edmonton, Wednesday, 27 December 1961

The Executive Council has had under consideration the report of the Honourable the Minister of Agriculture, dated 20 December 1961, stating that:

WHEREAS section 6, subsection (2), clause (f) of THE CIVIL DEFENCE AND DISASTER ACT, being chapter 43 of the Revised Statutes of Alberta, 1955, provides that the Minister, with the approval of the Lieutenant Governor in Council, may make regulations for carrying into effect a plan or program relating to civil defence or disaster; and

WHEREAS it is deemed necessary to establish an Emergency Planning Police Advisory Committee and regulations respecting same;

THEREFORE, upon the recommendation of the Honourable the Minister of Agriculture, the Executive Council advises that the Lieutenant Governor in Council, pursuant to section 6, subsection (2), clause (f) of the Civil Defence and Disaster Act, hereby approves establishment of an Emergency Planning Police Advisory Committee and Regulations Respecting and Governing the Emergency Planning Police Advisory Committee in accordance with the Schedule hereto.

(Signed) ERNEST C. MANNING

CHAIRMAN





## SCHEDULE

### REGULATIONS under THE CIVIL DEFENCE AND DISASTER ACT

1. The officer commanding the Royal Canadian Mounted Police Force in Alberta is hereby appointed co-ordinator of police activities in the Province.
2. (1) The police co-ordinator may appoint a committee of senior police officers for the purpose of preparing plans for the consideration of the Minister
  - (a) for co-ordinating the activities of the various police forces in the Province, and
  - (b) for making the most effective use of all police forces and all police officers,during a state of emergency.
- (2) A committee appointed under subsection (1) shall include the chief constable of the city of Calgary and the chief constable of the city of Edmonton.
3. Where a state of emergency exists, the police co-ordinator has general command and control of all police forces and the members thereof, subject to the directions of the Minister.
4. While a state of emergency exists, every police officer appointed by a city, town or village has the power to act as a police officer in every part of the Province, subject to the directions of the police co-ordinator.
5. Where a state of emergency exists, the police co-ordinator may require any police officer to serve in any place in the Province under the command of any designated police officer or authority.
6. Subject to sections 34 and 35 of the National Defence Act (Canada) during a state of emergency no police officer may resign without the consent of the police co-ordinator.
7. (1) The police co-ordinator may establish a reserve register and enroll thereon any former police officer or other suitable person residing in the Province.
- (2) Where a state of emergency exists, the police co-ordinator may require all or any of the persons named in the register to serve as police officers for the duration of the emergency or such lesser time as the police co-ordinator may prescribe, and such persons are authorized to act as police officers in the Province.



SCHEDULE

REGULATIONS

under

THE CIVIL DEFENCE AND EMERGENCY ACT

1. The officer commanding the Royal Canadian Mounted Police Force in Alberta is hereby appointed co-ordinator of police activities in the Province of Alberta under the Act.

2. (1) The police co-ordinator may appoint a committee of senior officers of the Royal Canadian Mounted Police to assist him in the administration of the Act.

(2) The committee may consist of such number of officers as the co-ordinator may think fit.

(3) The committee may, for the purpose of the Act, make such regulations as it may think fit, subject to the approval of the co-ordinator.

(4) The committee may, for the purpose of the Act, make such regulations as it may think fit, subject to the approval of the co-ordinator.

(5) The committee may, for the purpose of the Act, make such regulations as it may think fit, subject to the approval of the co-ordinator.

(6) The committee may, for the purpose of the Act, make such regulations as it may think fit, subject to the approval of the co-ordinator.

(7) The committee may, for the purpose of the Act, make such regulations as it may think fit, subject to the approval of the co-ordinator.

(8) The committee may, for the purpose of the Act, make such regulations as it may think fit, subject to the approval of the co-ordinator.

(9) The committee may, for the purpose of the Act, make such regulations as it may think fit, subject to the approval of the co-ordinator.

(10) The committee may, for the purpose of the Act, make such regulations as it may think fit, subject to the approval of the co-ordinator.

(11) The committee may, for the purpose of the Act, make such regulations as it may think fit, subject to the approval of the co-ordinator.

(12) The committee may, for the purpose of the Act, make such regulations as it may think fit, subject to the approval of the co-ordinator.

(13) The committee may, for the purpose of the Act, make such regulations as it may think fit, subject to the approval of the co-ordinator.



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